



# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
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GAIL FARBER, Director

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

November 29, 2011

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012

Dear Supervisors:

## ADOPTED

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

42 November 29, 2011

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

**LOS ANGELES COUNTY WATERWORKS DISTRICT  
NO. 40, ANTELOPE VALLEY, REGION 4, LANCASTER  
NEGATIVE DECLARATION AND AUTHORIZATION TO PROCEED  
10TH STREET WEST TRANSMISSION WATER MAIN, PHASE III  
(SUPERVISORIAL DISTRICT 5)  
(3 VOTES)**

### SUBJECT

This action is to adopt a Negative Declaration prepared for the 10th Street West Transmission Main Project, Phase III, in the Antelope Valley and a request for authorization to proceed with the project.

### **IT IS RECOMMENDED THAT YOUR BOARD ACTING AS THE GOVERNING BODY OF THE LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY:**

1. Consider the Negative Declaration for the installation of approximately 7,920 linear feet of a 30-inch-diameter water main in 10th Street West between Lancaster Boulevard and Avenue H within the City of Lancaster, estimated at a total cost of \$4,000,000; find that the project will not have a significant impact on the environment; find that the Negative Declaration reflects the independent judgment and analysis of the County; and approve the Negative Declaration for this project.
2. Approve the project and authorize the Department of Public Works to carry out the project.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The purpose of the recommended actions is to allow the Department of Public Works to install approximately 7,920 linear feet of a 30-inch-diameter water main in 10th Street West between Lancaster Boulevard and Avenue H within the City of Lancaster. This project will complete a

transmission loop encompassing Avenue K, Avenue H, 10th Street West, and 20th Street East, thus improving transmission capacity of the water system to meet the existing flow requirements as established by the Los Angeles County Waterworks District No. 40, Antelope Valley (District), and the Fire Department.

This project was recommended in the latest Master Plan of Water Facilities prepared for the District. The project would prevent large pressure fluctuations within the existing water supply system and improve the District's ability to efficiently utilize available State Water Project water from the Antelope Valley-East Kern Water Agency.

### **Implementation of Strategic Plan Goals**

The Countywide Strategic Plan directs the provision of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). The recommended action will help fulfill these goals by improving the water service reliability for the District's customers in the City of Lancaster.

### **FISCAL IMPACT/FINANCING**

There will be no impact on the County General Fund.

The estimated construction cost to complete this project is approximately \$4,000,000. Sufficient funds to cover the cost of this project are included in the District's Accumulated Capital Outlay Fund (N64) budget for Fiscal Year 2013-14.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Under the California Environmental Quality Act (CEQA), any lead agency preparing a Negative Declaration must provide a public notice within a reasonable period of time prior to certification of the Negative Declaration. To comply with this requirement and pursuant to Section 21092 of the Public Resources Code, a public notice was published in the Antelope Valley Press on August 15, 2011. A copy of the draft Negative Declaration (Enclosure A) was provided to the Lancaster Library for public review. In addition, 15 copies of the draft Negative Declaration were sent to the State Clearing House, who distributed the document to the necessary agencies.

The 30-day public review period ended on September 13, 2011. The District received two response letters from the State Clearing House and the California Department of Public Health indicating there were no comments. These letters are included in the Enclosure B along with the attached Negative Declaration.

### **ENVIRONMENTAL DOCUMENTATION**

CEQA requires public agency decision makers to document and consider environmental implications of their actions. The Negative Declaration was written pursuant to the CEQA Guidelines of 1970 as amended (Division 13, California Public Resources Code) and the CEQA Guidelines (Division 6, California Administrative Code).

The California Department of Fish and Game (Fish and Game) has determined that for purposes of the assessment of CEQA filing fees, Section 711.4(c) of the Fish and Game Code, the project has no potential effect on fish, wildlife, and habitat and does not require payment of a CEQA filing fee. The CEQA filing fee "No Effect Determination Form" was approved by Fish and Game on September 22,

The Honorable Board of Supervisors

11/29/2011

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2011. Upon your Board's approval of the enclosed Negative Declaration, the District will file a Notice of Determination in accordance with Section 21152(a) of the California Public Resources Code.

**IMPACT ON CURRENT SERVICES (OR PROJECTS)**

There will be no negative impact on current County services or projects during the performance of the recommended services.

**CONCLUSION**

Please return two adopted copies of this letter to the Department of Public Works, Waterworks Division.

Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER

Director

GF:AA:ea

Enclosures

c: Chief Executive Office (Rita Robinson)  
County Counsel  
Executive Office

ENCLOSURE A

LA County Department of Public Works

# NEGATIVE DECLARATION

10TH STREET WEST TRANSMISSION MAIN, PHASE III



## NEGATIVE DECLARATION

COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS  
LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY,  
REGION 4, LANCASTER

### 10TH STREET WEST TRANSMISSION MAIN, PHASE III

I. Location and Brief Description

The project will construct approximately 7,920 linear feet of 30-inch-diameter water transmission main along 10th Street West between Lancaster Boulevard and Avenue H within the City of Lancaster (See Exhibit A). It will increase the capacity of the water system to meet current flow requirements as established by the District and the Fire Department.

II. Mitigation Measures Included in the Project to Avoid Potentially Significant Effects

No mitigation measures are included as no significant negative impacts on the environment were identified.

III. Finding of No Significant Effect

Based on the attached Initial Study, it has been determined that the project will not have a significant effect on the environment.

AT:ea

ATTACH 1- 10th St West Phase III NegDec&InitialStudy

Attach.

**INITIAL STUDY OF ENVIRONMENTAL FACTORS**

**COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS  
LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY,  
REGION 4, LANCASTER**

**10TH STREET WEST TRANSMISSION MAIN, PHASE III**

1. Project Title

10th Street West Transmission Main, Phase III

2. Lead Agency Name and Address

Los Angeles County Department of Public Works  
Waterworks Division  
P.O. Box 1460  
Alhambra, CA 91802-1460

3. Contact Person and Phone Number

Ahmet Tatlilioglu - (626) 300-3354

4. Project Location

Los Angeles County Waterworks District No. 40, Antelope Valley, Region 4, Lancaster.  
The project will take place along 10th Street West between Lancaster Boulevard and  
Avenue H within the City of Lancaster (See Exhibit A).

5. Project Sponsor's Name and Address

Los Angeles County Department of Public Works  
Waterworks Division  
P.O. Box 1460  
Alhambra, CA 91802-1460

6. General Plan Designation

Commercial/Residential

7. Zoning

Commercial interspersed with residential areas.

8. Description of Project

The project consists of constructing approximately 7,920 linear feet of a 30-inch-diameter water main in 10th Street West between Lancaster Boulevard and Avenue H within the City of Lancaster. It will close a transmission loop encompassing Avenue K, Avenue H, 10th Street West, and 20th Street East, thus improving transmission capacity of the water system to meet the existing flow requirements as established by the Los Angeles County Waterworks District No. 40, Antelope Valley, and the Fire Department.

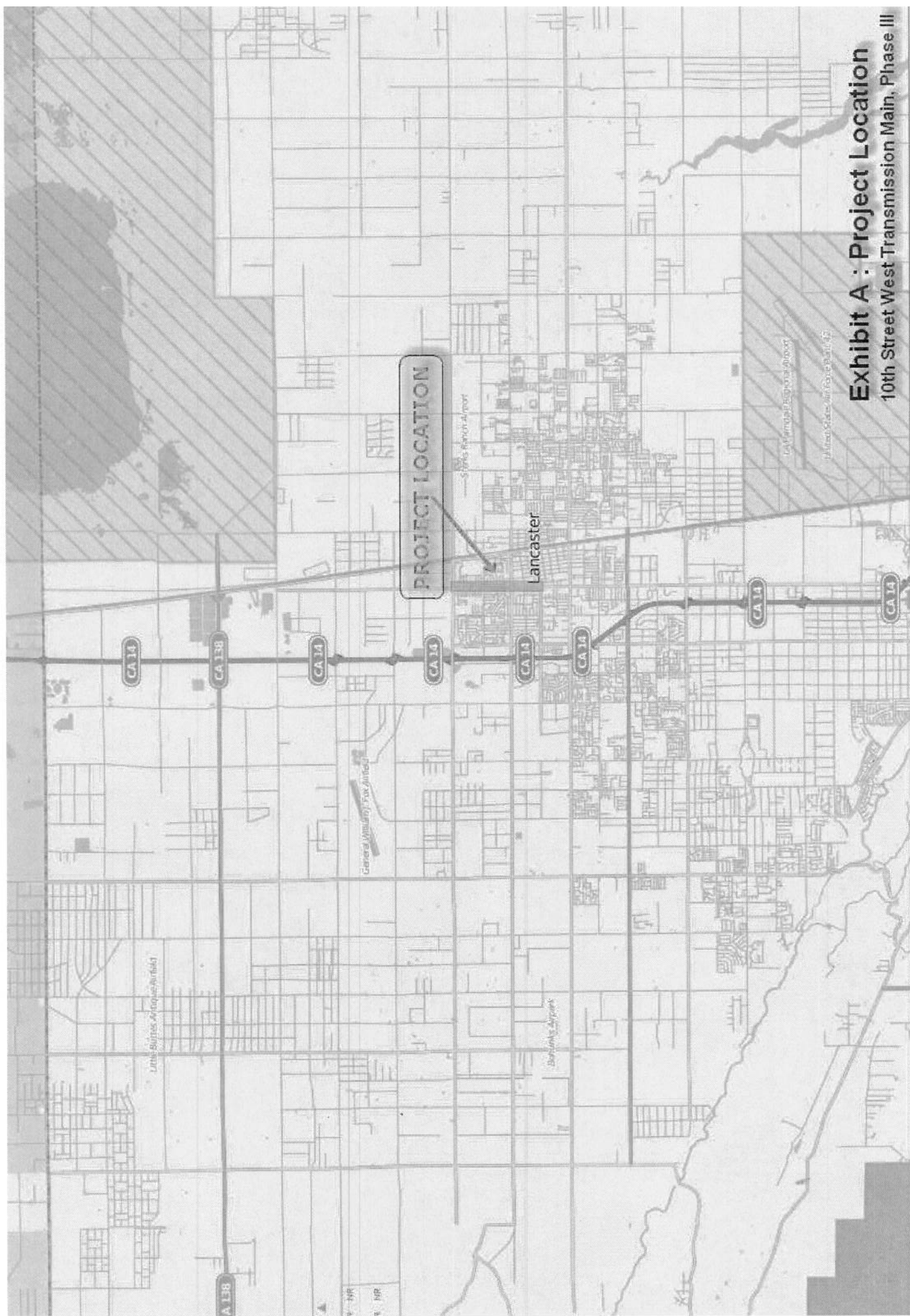
9. Surrounding Land Uses and Environmental Setting

(A) Project Site - The project site is a four-lane city street, which runs in a north/south direction through the City of Lancaster. The paved road will require trenching during pipeline construction.

(B) Surrounding Properties - Approximately two-thirds of the project area is surrounded by residential areas and schools. The remaining one-third is predominantly commercial.

10. Other Agencies Whose Approval is Required (and Permits Needed)

City of Lancaster



## Exhibit A : Project Location

### 10th Street West Transmission Main, Phase III

## ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" or "Potentially Significant Unless Mitigated," as indicated by the checklist on the following pages.

<input type="checkbox"/> Aesthetics	<input type="checkbox"/> Agriculture Resources	<input type="checkbox"/> Air Quality
<input type="checkbox"/> Biological Resources	<input type="checkbox"/> Cultural Resources	<input type="checkbox"/> Geology/Soils
<input type="checkbox"/> Hazards & Hazardous Materials	<input type="checkbox"/> Hydrology/Water Quality	<input type="checkbox"/> Land Use/Planning
<input type="checkbox"/> Mineral Resources	<input type="checkbox"/> Noise	<input type="checkbox"/> Population/Housing
<input type="checkbox"/> Public Services	<input type="checkbox"/> Recreation	<input type="checkbox"/> Transportation/Traffic
<input type="checkbox"/> Utilities/Service Systems	<input type="checkbox"/> Mandatory Findings of Significance	

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☒ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project would have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature. 

AHMET TATLIOGLU  
Printed Name

8-13-2011  
Date

Los Angeles County Department of Public Works  
Agency



## **EVALUATION OF ENVIRONMENTAL IMPACTS**

### **COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY, REGION 4, LANCASTER**

#### **10TH STREET WEST TRANSMISSION MAIN, PHASE III**

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants based on a project specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project level, indirect as well as direct, and construction as well as operational impacts.
3. "Potential Significant Impact" is appropriate if an effect is significant or potentially significant, or if the lead agency lacks information to make a finding of insignificance. If there are one or more "Potential Significant Impact" entries when the determination is made, an Environmental Impact Report (EIR) is required.
4. "Less Than Significant With Mitigation Incorporation" applies where the incorporation of mitigation measures has reduced an effect from "Potential Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVIII, "Earlier Analysis," may be cross-referenced).
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other California Environmental Quality Act process, an effect has been adequately analyzed in an earlier EIR or Negative Declaration. Section 15063(c)(3)(D). Earlier analyses are discussed in Section XVIII at the end of the checklist.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). See the sample question below. A source list should be attached and other sources used or individuals contacted should be cited in the discussion.

**ENVIRONMENTAL CHECKLIST FORM**  
**10TH STREET WEST TRANSMISSION MAIN PHASE III**

		Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
<b>I. AESTHETICS - Would the project:</b>					
a)	Have a substantial adverse effect on a scenic vista?				X
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcrops, and historic buildings within a State scenic highway?				X
c)	Substantially degrade the existing visual character or quality of the site and its surroundings?				X
d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?				X
<b>II. AGRICULTURE AND FORESTRY RESOURCES</b> - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:					
a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to nonagricultural use?				X
b)	Conflict with existing zoning for agricultural use or a Williamson Act contract?				X
c)	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?				X
d)	Result in the loss of forest land or conversion of forest land to non-forest use?				X
e)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

		Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
<b>III. AIR QUALITY</b> - Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:					
a)	Conflict with or obstruct implementation of the applicable air quality plan?			X	
b)	Violate any air quality standard or contribute substantially to an existing or projected air quality violation?			X	
c)	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable Federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for zone precursors)?			X	
d)	Expose sensitive receptors to substantial pollutant concentrations?			X	
e)	Create objectionable odors affecting a substantial number of people?			X	
<b>IV. BIOLOGICAL RESOURCES</b> - Would the project:					
a)	Have a substantial adverse effect, either directly or through <b>habitat modifications</b> , on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			X	
b)	Have a substantial <b>adverse</b> effect on <b>any riparian habitat</b> or other <b>sensitive</b> natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
c)	Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d)	Interfere substantially with the <b>movement</b> of any native resident, migratory fish, or wildlife species; or with established native resident or migratory wildlife corridors; or impede the use of native wildlife nursery sites?			X	



		Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?			X	
f)	Conflict with the provisions of an adopted Habitat Conservation Plan; Natural Community Conservation Plan; or other approved local, regional, or State habitat conservation plan?				X

**V. CULTURAL RESOURCES - Would the project:**

a)	Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?			X	
b)	Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?			X	
c)	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?			X	
d)	Disturb any human remains, including those interred outside of formal cemeteries?			X	

**VI. GEOLOGY AND SOILS - Would the project:**

a)	Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i)	Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State geologist for the area or based on other substantial evidence of a know fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii)	Strong seismic ground shaking?			X	
iii)	Seismic-related ground failure, including liquefaction?			X	
iv)	Landslides?				X
b)	Result in substantial soil erosion or the loss of topsoil?				X
c)	Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence,			X	

			Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
		liquefaction, or collapse?				
	d)	Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?				X
	e)	Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X
<b>VII. GREEN HOUSE GAS EMISSIONS - Would the project:</b>						
	a)	Generate greenhouse gas emission either directly or indirectly, that may have a significant impact on the environment?			X	
	b)	Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing emission of greenhouse gases?				X
<b>VIII. HAZARDS AND HAZARDOUS MATERIALS - Would the project:</b>						
	a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X
	b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				X
	c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
	d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code, Section 65962.5, and, as a result, would it create a significant hazard to the public or the environment?				X
	e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
	f)	For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				X
	g)	Impair implementation of or physically interfere with			X	

		Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
	an adopted emergency response plan or emergency evacuation plan?				
	h) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X
<b>IX. HYDROLOGY AND WATER QUALITY - Would the project:</b>					
	a) Violate any water quality standards or waste discharge requirements?			X	
	b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of preexisting nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?				X
	c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?				X
	d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?				X
	e) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?				X
	f) Otherwise substantially degrade water quality?				X
	g) Place housing within a 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
	h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X
	i) Expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?				X

		Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
	j) Inundation by seiche, tsunami, or mudflow?				X
<b>X. <u>LAND USE AND PLANNING</u> - Would the project:</b>					
	a) Physically divide an established community?				X
	b) Conflict with any applicable land use plan, policy, or regulation of any agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X
	c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				X
<b>XI. <u>MINERAL RESOURCES</u> - Would the project:</b>					
	a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?				X
	b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?				X
<b>XII. <u>NOISE</u> - Would the project result in:</b>					
	a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or ordinance or applicable standards of other agencies?			X	
	b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?			X	
	c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				X
	d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
	e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
	f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X

		Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
<b>XIII. POPULATION AND HOUSING - Would the project:</b>					
a)	Induce substantial population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?				X
b)	Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c)	Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X
<b>XIV. PUBLIC SERVICES</b>					
a)	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities; need for new or physically altered governmental facilities; the construction of which could cause significant environmental impacts in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
	Fire protection?				X
	Police protection?				X
	Schools?				X
	Parks?				X
	Other public facilities?				X
<b>XV. RECREATION</b>					
a)	Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b)	Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X
<b>XVI. TRANSPORTATION/TRAFFIC - Would the project:</b>					
a)	Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into				X

			Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
		account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?				
	b)	Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?				X
	c)	Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
	d)	Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
	e)	Result in inadequate emergency access?			X	
	f)	Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?			X	

**XVII. UTILITIES AND SERVICE SYSTEMS - Would the project:**

	a)	Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				X
	b)	Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
	c)	Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
	d)	Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				X
	e)	Result in a determination by the wastewater treatment provider, which serves or may serve the project, that it has adequate capacity to serve the project's projected demand in addition to the				X



			Potential Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
		provider's existing commitments?				
	f)	Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				X
	g)	Comply with Federal, State, and local statutes and regulations related to solid waste?				X

#### **XVIII. MANDATORY FINDINGS OF SIGNIFICANCE**

	a)	Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?				X
	b)	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)				X
	c)	Does the project have environmental effects which will cause substantial adverse effects on human beings either directly or indirectly?				X

#### **XIX. DISCUSSION OF WAYS TO MITIGATE SIGNIFICANT EFFECTS**

Section 15041 (a) of the State California Environmental Quality Act guidelines states that a lead agency for a project has authority to require changes in any or all activities involved in the project in order to lessen or avoid significant effects on the environment. No significant effects have been identified.

No mitigation measures are included as no significant environmental effects were identified by the initial study.

## DISCUSSION OF ENVIRONMENTAL FACTORS

### 10TH STREET WEST TRANSMISSION MAIN PHASE III

#### I. AESTHETICS - Would the project:

- a) Have a substantial adverse effect on a scenic vista?

**No impact.** The proposed water main will not be constructed in or near designated scenic vistas. Therefore, the project will not result in adverse impacts on any scenic vistas.

- b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?

**No impact.** The construction of the proposed project is not within any State scenic highway and thus will have no impact on scenic resources, trees, rock outcroppings, or historical buildings within a State scenic highway.

- c) Substantially degrade the existing visual character or quality of the site and its surroundings?

**No impact.** The proposed project consists primarily of the construction and operation of below ground facilities (e.g., pipeline, valves, etc.) and a few above ground facilities (e.g., fire hydrants, flushouts and air release valves) which will be relatively small and unobtrusive. All aboveground facilities and structures will be painted with a gloss enamel paint for identification and operational purposes and will have a minimum impact on the surrounding aesthetic environment.

- d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

**No impact.** The proposed project does not include any facilities that generate light or glare; the pipelines will be located below ground.

#### II. AGRICULTURE AND FORESTRY RESOURCES - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

- a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to



**the Farmland Mapping and Monitoring Program of the California Resources Agency, to nonagricultural use?**

**No impact.** The proposed project location is not used as farmland. Therefore, the project will not convert any farmland to nonagricultural use.

- b) Conflict with existing zoning for agricultural use or a Williamson Act contract?**

**No impact.** There is no active agriculture and no Williamson Act contract in the project area. The only Williamson Act parcels in Los Angeles County are on Santa Catalina Island. Thus, the proposed project will not impact any existing zoning for agricultural uses or a Williamson Act contract.

- c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?**

**No Impact.** The proposed project does not conflict with existing zoning for, or cause rezoning of, forest land or timberland.

- d) Result in the loss of forest land or conversion of forest land to non-forest use?**

**No Impact.** The proposed project does not involve changes in the existing environment that could result in the conversion of forest land to non-forest land.

- e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?**

**No impact.** The proposed project does not involve changes in the existing environment that could result in the conversion of farmland to nonagricultural use or conversion of forest land to non-forest use.

**III. AIR QUALITY - Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:**

- a) Conflict with or obstruct implementation of the applicable air quality plan?**

**Less than significant impact.** The County of Los Angeles Department of Public Works currently complies with dust control measures enforced by

the Antelope Valley Air Quality Management District and the Air Quality Management Plan. The proposed project will not conflict with current implementation of the applicable air quality plan.

The project would be deemed inconsistent with the air quality plans if it results in population or employment growth that exceeds projected growth estimates for the area. The proposed project is consistent with the Downtown Lancaster Specific Plan and City of Lancaster's General Plan. The project will construct approximately 7,920 linear feet of 30-inch-diameter water transmission main along 10th Street West between Lancaster Boulevard and Avenue H within the City of Lancaster. It will increase the capacity of the water system to meet current flow requirements as established by the Los Angeles County Waterworks District No. 40 and the Fire Department. Thus, the proposed project will not conflict with the current implementation of the applicable air quality plan.

**b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?**

**Less than significant impact.** Air quality impacts are divided into short term and long term impacts. The proposed project will generate air pollutant emissions during the road reconstruction activities (short term) only. Short term pollutant emissions could be produced from construction equipment and dust from grading and earth moving activities. Construction-related emissions and dust would be emitted only during the project construction which will take approximately six months. Construction activities will primarily generate dust, carbon monoxide, carbon dioxide, and nitrogen oxide emissions. To determine whether emissions resulting from construction or operation of a project are significant, the Antelope Valley AQMD recommends significance thresholds in its California Environmental Quality Act (CEQA) and Federal Conformity Guidelines. Construction and operational emissions are considered by the Antelope Valley AQMD to be significant if they exceed the thresholds shown in Table 6-1.

**TABLE 6-1 Significant Emission Thresholds**

Pollutant	Annual (tons)	Daily (pounds)
NO <sub>x</sub> (Nitric Oxide & Nitrogen Dioxide)	25	137
VOC (Volatile Organic Compound)	25	137
PM <sub>10</sub> (Particulate matter less than 10 micrometers in diameter)	15	82
PM <sub>2.5</sub> (Particulate matter less than 2.5 micrometers in diameter)	15	82
SO <sub>x</sub> (Sulfur Oxide)	25	137
CO (Carbon Monoxide)	100	548

Daily construction emissions are calculated using the URBEMIS 2007 computer model developed by the California Air Resource Board.

URBEMIS computes emissions of reactive organic gases (ROG), NO<sub>x</sub>, CO, SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and CO<sub>2</sub>. URBEMIS calculations include construction worker trips for different construction phases. Calculations assume the construction duration would be approximately six months. Calculations assume the following construction equipment: air compressors, concrete/industrial saws, crane, dumpers/tenders, excavators, generator sets, pavers, paving equipment, plate compactors, pump, roller, signal board, surfacing equipment, sweeper/scrubber, backhoes, trencher, welders, water truck and other material handling equipment. Calculated unmitigated construction emissions are provided in Table 6-2. The construction emissions generated by the proposed project do not exceed the significance thresholds. Thus, the impacts would be considered less than significant.

**TABLE 6-2 UNMITIGATED CONSTRUCTION EMISSIONS (POUNDS/DAY)**

Pollutant	Threshold	Estimated Emissions	Exceed Threshold?
NO <sub>x</sub> (Nitric Oxide & Nitrogen Dioxide)	137 lbs/day	110 lbs/day	NO
VOC (Volatile Organic Compound)	137 lbs/day	15 lbs/day	NO
PM <sub>10</sub> (Particulate matter less than 10 micrometers in diameter)	82 lbs/day	13 lbs/day	NO
PM <sub>2.5</sub> (Particulate matter less than 2.5 micrometers in diameter)	82 lbs/day	12 lbs/day	NO
SO <sub>x</sub> (Sulfur Oxide)	137 lbs/day	<1 lbs/day	NO
CO (Carbon Monoxide)	548 lbs/day	58 lbs/day	NO

During construction activities the contractor is required to implement Best Management Practices (BMPs) including all applicable requirements of including the following measures:

- All disturbed areas, including storage piles, which are not being actively utilized for construction purposes, shall be effectively stabilized of dust emissions using water, chemical stabilizer/suppressant, covered with a tarp, or other suitable cover in accordance with BMP WE-1 Wind erosion Control and WM-3, Stockpile Management.
  - All trucks used to haul soil from the site will be covered to reduce fugitive dust in accordance with Section 23114 of the California Motor Vehicle Code
  - Suspend excavation and grading activity when winds exceed 20 mph.
  - Minimize idling time and limit the hours of operation of heavy duty equipment and/or the amount in use.
- c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an

applicable Federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

**Less than significant impact.** The project is located in the Antelope Valley Air Quality Management District which is classified as non-attainment for ozone and PM10. Project specifications will require the contractor to comply with all Federal and State emission control regulations. The emissions generated as a result of the proposed project will only occur during construction. These emissions would be temporary and as demonstrated in the previous section do not exceed the daily significant threshold for the AVAQMD for ozone precursors or PM10. Therefore, the proposed project will not result in considerable net increase of any criteria pollutant for which the project region is non-attainment.

**d) Expose sensitive receptors to substantial pollutant concentrations?**

**Less than significant impact.** As described in Response III (b) above, construction of the proposed project would not result in any substantial localized or regional air pollution impacts and therefore would not expose sensitive receptors to substantial pollution concentrations. Project specifications will require the contractor to control dust by appropriate means such as sweeping (BMP SC-7 Street Sweeping) and/or watering (BMP WE-1 Wind Erosion Control) and comply with all applicable air pollution control regulations. The impact is considered to be less than significant since the exposure will be temporary and precautions will be taken to minimize exposure to pollutants.

**e) Create objectionable odors affecting a substantial number of people?**

**Less than significant impact.** Objectionable odors may be generated from operating various equipments during construction activities. These types of odors will be short-term and temporary. Thus, the impact of creating objectionable odor is considered less than significant.

**IV. BIOLOGICAL RESOURCES - Would the project:**

**a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?**

**Less than significant impact.** The proposed pipeline will be constructed within a developed area under a paved road. Thus, the proposed project will have a less than significant impact on sensitive or special status species or their respective habitat.

- b) **Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?**

**No impact.** The project will not be located on riparian or other sensitive habitats.

- c) **Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?**

**No impact.** No wetlands exist on the proposed project lands.

- d) **Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

**Less than significant impact.** The project will have a less than significant impact on wildlife species or habitat because the land has already been disturbed. The proposed pipeline will be constructed within a developed area under a paved road.

- e) **Conflict with any local policies or ordinances protecting biological resources such as a tree preservation policy or ordinance?**

**Less than significant impact.** The proposed project will have a negligible effect on any known locally protected biological resources. The proposed pipeline will be constructed within a developed area under a paved road. Therefore, the proposed project will not have an impact on any local policies or ordinances protecting biological resources.

- f) **Conflict with the provisions of an adopted Habitat Conservation Plan; Natural Community Conservation Plan; or other approved local, regional, or State Habitat Conservation Plan?**

**No impact.** The proposed project will not be affecting any known adopted habitat conservation plan or natural community conservation. The proposed pipeline will be constructed within a developed area under a paved road. Therefore, the proposed project will have no impact on any of these plans.

**V. CULTURAL RESOURCES - Would the project:**

- a-d) **Cause a substantial adverse change in the significance of a historical or archaeological resource as defined in Section 15064.5; directly or indirectly destroy a unique paleontological resource, site, or unique**



**geologic feature; or disturb any human remains, including those interred outside formal cemeteries?**

**Less than significant.** A record search, "Quick Check", conducted by the South Central Coastal Information Center of the California Historical Information System at the California State University, Fullerton, noted that while subsurface archeological deposits may exist within the project boundaries, no archeological work is needed prior to construction. A record search by Native American Heritage Commission failed to indicate the presence of Native American cultural resources in the immediate project area. In the event that cultural resources are encountered during construction, all construction activities placing such resources at risk must cease until proper examination by a qualified archaeologist. In case human remains are identified during the course of construction, all construction activities in the vicinity of the discovery will be halted and the Los Angeles County Coroner will be notified. No work will be initiated until the issue has been properly addressed. Therefore, the proposed project will have a less than significant impact on these resources.

**VI. GEOLOGY AND SOILS - Would the project:**

**a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:**

**i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.**

**No impact.** The proposed project does not include the construction of any facilities that are intended for human occupancy nor will any facilities be constructed in areas associated with geologic problems such as Alquist-Priolo Earthquake Zones.

**ii) Strong seismic ground shaking?**

**Less than significant.** The project does not include the construction of any facilities that are intended for human occupancy, although the project area has not been the epicenter of any known earthquake, the water main alignment, like most of Southern California, will be subject to ground shaking during major earthquakes. In addition, the water main will be manufactured from steel that meets the current design criteria set forth by the Los Angeles County Waterworks Districts and American Waterworks Association. Therefore, the proposed project will have a less than significant impact related to seismic ground shaking.

**iii) Seismic-related ground failure, including liquefaction?**

**Less than significant.** The proposed project is to be constructed near the centerline of the existing well-compacted and paved road. The trench excavation will be backfilled with a minimum relative compaction of 90 percent to give additional support to the water main. The static water level in the project is more than 100 feet below ground surface and is not considered a risk factor for liquefaction. Therefore, there is a less than significant factor to seismic-related ground failure, including liquefaction.

**iv) Landslides?**

**No impact.** The project area is rather flat and is not within a State designated Seismic Hazard Zone for Earthquake-induced Landslides. Therefore, there is no impact from landslides.

**b) Result in substantial soil erosion or the loss of topsoil?**

**No impact.** The proposed project will install a 30-inch waterline below existing grade via an open trench construction method. Once the waterline is installed, the trench will be backfilled with the existing trench material including top soil to pre-construction condition. The contract specifications will include implementation of Best Management Practices to minimize soil erosion and maintain water quality. Therefore, the proposed project will have no impact on the loss of topsoil or soil erosion.

**c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?**

**Less than significant impact.** See section VI.a (ii-iv)

**d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?**

**No impact.** According to the City of Lancaster's 2030 General Plan Master Environmental Assessment, most of the city is characterized by soils of low shrink-swell potential. Expansive soils are not anticipated in the project area.

**e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?**

**No impact.** All existing wastewater disposal systems will remain intact and there are no new septic facilities proposed at the project site. Therefore, the project will have no impact on the use of septic tanks or alternative wastewater disposal systems.

**VII. GREENHOUSE GAS EMISSIONS - Would the project:**

- a) **Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?**

**Less than significant.** On September 27, 2006, Assembly Bill 32 (AB 32), the California Global Warming Solutions Act of 2006, was enacted by the State of California in order to address global climate change by reducing greenhouse gases. Assembly Bill 32 (AB 32) limits California's Greenhouse Gases (GHG) emissions for 2020 based on 1990 emission levels and directs California Air Resources Board to develop significance thresholds. Gases known to contribute to the Greenhouse Effect are carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), ozone, nitrous oxide (N<sub>2</sub>O), water vapor, hydrofluorocarbons, chlorofluorocarbons, and sulfur hexafluoride. According to the report prepared by Environmental Protection Agency "California's Greenhouse Gas Emissions and Sinks: 1990 to 2010 Executive Summary", the principal greenhouse gas in United States was carbon dioxide representing approximately 85.1 percent of total greenhouse gas emissions.

There are no officially adopted thresholds of significance or specified methodology contained in the CEQA Statute or Guidelines for performing an impact analysis on GHG emissions. However Antelope Valley AQMD, have provided us a draft proposal prepared by Air Resources Board titled "Preliminary Draft Staff Proposal: Recommended Approaches for Setting Interim Significance Thresholds for Greenhouse Gases under the California Environmental Quality Act (CEQA)" and recommended to follow their benchmark for GHG emissions. According to this report 7000 metric tons of carbon dioxide equivalent is considered a significant benchmark.

A quantitative analysis of the proposed project's GHG-related impacts was calculated using URBEMIS 2007 computer model. The proposed project would result in emission of carbon dioxide associated with construction. The project would emit greenhouse gases during construction of the project from the operation of construction equipment and from worker vehicles. The project would generate 730 metric tons of carbon dioxide equivalents during construction. The greenhouse emissions generated by the proposed project do not exceed the significance benchmark recommended by Air Resources Board. Thus, the impacts would be considered less than significant.



**TABLE 3-3 ESTIMATE OF PROJECT -RELATED GREENHOUSE GAS EMISSIONS**  
(metric tons of Carbon Dioxide Equivalent (MTCO<sub>2</sub>e) per year)

Project Emissions	Carbon Dioxide Equivalent (MTCO <sub>2</sub> e)
Project Construction Total Emissions	730
ARB Significance Threshold	7,000
Threshold Exceeded?	No

- b) **Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?**

**No impact.** The proposed project will not conflict with any applicable plans, policies or regulations adopted for the purpose of reducing the emissions of greenhouse gases. The proposed project would comply with all applicable policies, ordinances, and regulations adopted by the County of Los Angeles that would reduce greenhouse gas emissions. The proposed project would not introduce new sources of greenhouse gas emitters, nor would the proposed project create a new use that would attract vehicle trips that otherwise would not occur. Therefore; the proposed project will have no impact.

#### **VIII. HAZARDS AND HAZARDOUS MATERIALS - Would the project:**

- a) **Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?**

**No impact.** The proposed project does not involve the routine transport, use, or disposal of hazardous materials. Therefore, the project will have no impact on the transport, use, or disposal of hazardous materials.

- b-c) **Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment or emit hazardous emissions or handle hazardous materials, substances, or wastes within one-quarter mile of an existing or proposed school?**

**No impact.** The proposed new waterline will not involve potential explosives, waste or any hazardous substances. The Los Angeles County Department of Public Works' standard contract documents require that construction contractors comply with safety standards specified in Title 8, California Code of Regulations, as enforced by the State of California Department of Industrial Relations Division of Occupational Safety and Health, thereby limiting potential impacts during construction.

- d) **Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code, Section 65962.5, and, as a result, would it create a significant hazard to the public or the environment?**

**No impact.** The project site is not known to be a hazardous materials site. Therefore, the proposed project will not create a significant hazard to the public or the environment.

- e) **For a project located within an airport land use plan or where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

**No impact.** The proposed project area is not within an airport land use plan or where such a plan has not been adopted within two miles of a public airport or public use airport. Therefore, the proposed project will have no impact relating to the safety hazards for people working in the project area.

- f) **For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?**

**No impact.** The proposed project is not located within the vicinity of a private airstrip. Thus, the proposed project will have no impact relating to a safety hazard for people residing or working in the project area.

- g) **Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

**Less than significant.** The proposed project will result in a short-term increase in the number of vehicle trips over the course of construction as a result of construction traffic. The construction contractor will be required by Los Angeles County Department of Public Works' standard contract documents to provide adequate and safe traffic control measures, including adequate access to adjacent properties that will both accommodate local traffic and ensure the safety of travelers within the project area. The project impact on emergency service response plan is considered less than significant.

- h) **Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?**

**No impact.** The proposed project would not expose people or structures to any significant risks involving wildland fires. The proposed project is not located within wildlands. The proposed pipeline will be constructed within a developed area under a paved road.

**IX. HYDROLOGY AND WATER QUALITY - Would the project:**

**a) Violate any water quality standards or waste discharge requirements?**

**Less than significant impact.** Construction activities include excavation and grading. The contractor is required to implement Best Management Practices (BMPs) as required by the Waste Discharge permit issued to the County by the Lahontan Regional Water Quality Control Board (RWQCB) to minimize construction impacts on water quality. Some BMPs may include proper stockpiling and disposal of debris material and soil; protecting existing storm drain inlets; stabilizing disturbed areas; erosion control; proper management of construction materials; waste management; and sediment control. Therefore, complying with the recommended BMPs, the project will have a less than significant effect on the water quality standards or waste discharge requirements.

**b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of preexisting nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?**

**No impact.** The proposed project will not result in the use of any water that will result in a net deficit in aquifer volume or a lowering of the groundwater table. Therefore, no impacts to groundwater supplies or groundwater recharge are anticipated to occur.

**c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?**

**No impact.** The proposed project would not result in changes to existing drainage patterns of the project site. Thus, no erosion or siltation impacts are expected to occur nor have any impact on the rate or amount of surface runoff.

**d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?**

**No impact.** The proposed project would not alter the existing drainage pattern or increase the rate of runoff in a manner which would result in flooding on- or off-site on any property. Therefore, impacts are not anticipated.

- e) **Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?**

**No impact.** The construction of the project will not result in additional surface water runoff. Thus, the impact of the proposed project on the existing or planned storm water drainage systems is not expected to have adverse affects.

- f) **Otherwise substantially degrade water quality?**

**No impact.** The contractor will be required to adhere to all applicable Best Management Practices to minimize any degradation to water quality during construction. The proposed pipeline will be constructed within a developed area under a paved road. The surface of the road will be repaved and returned to its preconstruction condition. There will be no operational impacts to water quality. Thus, the proposed project will not impact or degrade water quality

- g) **Place housing within a 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?**

**No impact.** The proposed project will not place any housing within a 100-year flood hazard area. The proposed pipeline will be constructed within a developed area under a paved road.

- h) **Place within a 100-year flood hazard area structures which would impede or redirect flood flows?**

**No impact.** The proposed project will not place any structures within a 100-year flood hazard area which may impede or redirect flood flows. The proposed pipeline will be constructed within a developed area under a paved road.

- i) **Expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?**

**No impact.** The proposed pipeline will be constructed within a developed area under a paved road. The proposed project will not expose people or structures to a significant risk of loss, injury, or death involving flooding.

j) **Inundation by seiche, tsunami, or mudflow?**

**No impact.** The proposed pipeline will be constructed within a developed area under a paved road. The project site is located in a rather flat area of the City of Lancaster and will not be subject to any inundation by seiche, tsunami, or mudflow.

X. **LAND USE AND PLANNING - Would the project:**

a) **Physically divide an established community?**

**No impact.** The proposed pipeline will be constructed within a developed area under a paved road. The proposed project does not include the construction of any facilities that would physically divide the community. Therefore, the project will have no impact on physically dividing an established community.

b) **Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?**

**No impact.** The proposed project is consistent with the City of Lancaster's General Plan 2030 adopted in 2009.

c) **Conflict with any applicable habitat conservation plan or natural community conservation plan?**

**No impact.** The proposed project will not conflict with any known habitat conservation plan or natural community conservation plan adopted by any agency or community. The proposed pipeline will be constructed within a developed area under a paved road.

XI. **MINERAL RESOURCES - Would the project:**

a) **Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?**

**No impact.** The construction of the proposed project will not deplete any known mineral resources. The proposed pipeline will be constructed within a developed area under a paved road. Therefore, no impact is anticipated.

b) **Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?**



**No impact.** The City of Lancaster's Master Environmental Assessment General Plan 2030 adopted in 2009 doesn't identify the project site as a mineral resource recovery site. Therefore, the proposed project will have no impact on locally important mineral resource recovery site.

**XII. NOISE - Would the project result in:**

- a) **Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

**Less than significant impact.** Noise levels within the proposed project site may increase during construction. However, the impact is temporary and the construction noise levels of the proposed project are exempt from the County Noise Control Ordinance as specified in the County Noise Control Ordinance Part 5 Exemptions. H. The contractor will be required to comply with the construction hours specified in the City noise control ordinances. Overall, since the construction period will last for a short period, the project will not result in significant operational noise impacts related to exposure or generation of noise levels in excess of established standards. Thus, the impact to severe noise levels is considered less than significant.

- b) **Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?**

**Less than significant impact.** Although some groundborne vibrations are expected to be generated from the equipment that may be used during excavation for the construction of the new waterline, the impact associated with this vibration will be short term and below a level of significance. Therefore, the proposed project will not result in significant adverse impacts related to exposure of persons to excessive ground borne vibrations or noise levels.

- c) **A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?**

**No impact.** The proposed project would not result in permanent increase in ambient noise levels in the project vicinity above levels existing without the project. The proposed improvements would result in short-term increases in noise levels during the construction period but would not result in any change in existing noise levels once the construction is complete.

- d) **A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?**

**Less than significant impact.** During the construction phase of the project, there will be some increase in existing noise levels. The contractor will be required to comply with the noise control measures in section 8.24.040 of the City municipal code that prohibits the use of specified loud construction equipment on Sunday or any day between the hours of 8 p.m. and 7 a.m. Due to the short-term nature of the project, the impact will be less than significant.

- e-f) **For a project located within an airport land use plan or where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels or for a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?**

**No impact.** The proposed project area is not within an airport land-use plan or within two miles of a public airport or public use airport. Therefore, the proposed project will have no impact relating to excessive noise levels.

### **XIII. POPULATION AND HOUSING - Would the project:**

- a) **Induce substantial population growth in an area either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?**

**No impact.** No new homes and businesses are proposed within this project and no additional capacity is intended. Therefore, construction of the proposed project is not expected to result in population growth in the area directly or indirectly.

- b-c) **Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere, or displace substantial numbers of people necessitating the construction of replacement housing elsewhere?**

**No impact.** The proposed pipeline will be constructed within a developed area under a paved road. The proposed project will not displace any existing residents or housing, which will create a demand for additional housing elsewhere.

### **XIV. PUBLIC SERVICE**

- a) **Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts in order to maintain acceptable**

**service ratios, response times, or other performance objectives for any of the public services: Fire protection, police protection, schools, parks, other public facilities?**

**No impact.** The proposed pipeline will be constructed within a developed area under a paved road. The proposed project will not affect public service and will not result in a need for new or altered governmental services in fire protection, police protection, schools, parks, or other public facilities. The contractor will coordinate with the fire and police departments regarding construction scheduling to prevent response time delays. Thus, the project will have no impact on these services.

#### **XV. RECREATION**

- a) **Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?**

**No impact.** The proposed pipeline will be constructed within a developed area under a paved road. The proposed project will not increase the use of existing neighborhood or regional parks.

- b) **Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?**

**No impact.** The proposed pipeline will be constructed within a developed area under a paved road. The proposed project does not include nor require the construction or expansion of any recreational facilities.

#### **XVI. TRANSPORTATION/TRAFFIC - Would the project:**

- a) **Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?**

**No Impact.** The proposed pipeline will be constructed within a developed area under a paved road. The proposed project will not conflict with the Downtown Lancaster Specific Plan and Lancaster General Plan ordinances or policies establishing measures of effectiveness for the performance of the circulation system.

- b) **Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel**



**demand measures, or other standards established by the county congestion management agency for designated roads or highways?**

**No Impact.** The increase in traffic in the project area due to construction vehicles is temporary. Overall, the proposed project will not directly or indirectly cause traffic to exceed level of service standards established by the County Congestion Management Agency for roads or highways in the project area.

- c) **Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?**

**No impact.** The proposed pipeline will be constructed within a developed area under a paved road. The proposed project will have no impact on air traffic patterns.

- d) **Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?**

**No impact.** The proposed project does not involve any design features that are known to constitute safety hazards. All excavations will be returned to pre-construction condition once construction has been completed. Therefore, the project will have no impact on hazards due to design features.

- e) **Result in inadequate emergency access?**

**Less than significant.** The construction activities may temporarily slow down traffic during construction. However, the project specifications will require that emergency access be maintained at all times. The contractor will be required to give advance notice of all street and/or lane closures and detours to all emergency service agencies so that an alternate route can be established. Therefore, the impact to emergency access is considered less than significant.

- f) **Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?**

**Less than significant.** The proposed pipeline will be constructed within a developed area under a paved road. The construction activities will not affect public transit or any alternative transportation programs. Aside from short-term impacts during construction, the proposed project will have no effect on any pedestrian facilities or bicyclists. Therefore, the proposed

project will have a less than significant impact on adopted policies, plans, or programs supporting alternative transportation.

**XVII. UTILITIES AND SERVICE SYSTEMS - Would the project:**

- a) **Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?**

**No impact.** The project will not result in contamination or an increase in discharge of wastewater that might affect wastewater treatment. Thus, the proposed project will have no impact on the wastewater treatment requirements of the Regional Water Quality Control Board.

- b) **Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

**No impact.** Construction and operation of the proposed facilities will not interfere with the operation of any existing water treatment or distribution facilities. Construction and operation of the proposed project will improve (and therefore have a beneficial impact upon) water supply and water distribution facilities and no adverse impacts upon water treatment and water distribution facilities are anticipated.

- c) **Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

**No impact.** The proposed project will not result in the construction of new water drainage facilities. Therefore, no impact is anticipated.

- d) **Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?**

**No impact.** The proposed project will utilize existing water supplies, entitlements and resources to serve the customer service area. New resources or expanded entitlements will not be required for the proposed project.

- e) **Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?**

**No impact.** No increase in the number of wastewater discharge facilities will occur as a result of the proposed project. Therefore, the proposed project will have no impact on wastewater treatment.

- f-g) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs and comply with Federal, State, and local statutes and regulations related to solid waste?

**No impact.** Construction of the proposed project may result in excess excavated materials and construction debris. However, the amount of solid waste generated will be minimal. Project specifications will require the contractor to dispose of these materials in accordance to all applicable Federal, State, and/or local regulations related to solid waste. The proposed project will not result in a facility that will generate solid waste. Therefore, there will be no impact on landfill capacity.

#### **XVIII. MANDATORY FINDINGS OF SIGNIFICANCE**

- a) Does the project fish or wildlife population to drop below self-sustaining levels, have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

**No impact.** The proposed project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish and wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or eliminate important examples of the major periods of California history or prehistory. Therefore, the impact of the proposed project on plant or animal community is expected to cause no impact on the environment.

- b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects?)

**No impact.** The proposed project will not result in any cumulative impacts in connection with past, present, or future projects.

- c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

**No impact.** The proposed project will not have detrimental environmental impacts that will cause substantial adverse effects on human beings, either directly or indirectly.

ENCLOSURE B

LA County Department of Public Works

# Negative Declaration Response Letters

10TH STREET WEST TRANSMISSION MAIN, PHASE III



Edmund G. Brown Jr.  
Governor

STATE OF CALIFORNIA  
Governor's Office of Planning and Research  
State Clearinghouse and Planning Unit



Ken Alex  
Director

September 14, 2011

Ahmet Tatilioglu  
Los Angeles County Waterworks Division  
900 S. Fremont Ave.  
Alhambra, CA 91803

Subject: 10th Street West Transmission Main Phase III  
SCH#: 2011081049

Dear Ahmet Tatilioglu:

The State Clearinghouse submitted the above named Negative Declaration to selected state agencies for review. The review period closed on September 13, 2011, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

Scott Morgan  
Director, State Clearinghouse



**Document Details Report  
State Clearinghouse Data Base**

**SCH#** 2011081049  
**Project Title** 10th Street West Transmission Main Phase III  
**Lead Agency** Los Angeles County

**Type** Neg Negative Declaration

**Description** The project consists of constructing approximately 7,920 linear feet of a 30-inch-diameter water main in 10th Street West between Lancaster Boulevard and Avenue H within the City of Lancaster. It will close a transmission loop encompassing Avenue K, Avenue H, 10th Street West, and 20th Street East, thus improving transmission capacity of the water system to meet the existing flow requirements as established by the Los Angeles County Waterworks District No. 40, Antelope Valley, and the Fire Department.

**Lead Agency Contact**

**Name** Ahmet Tatilioglu  
**Agency** Los Angeles County Waterworks Division  
**Phone** (626) 300-3354  
**email**  
**Address** 900 S. Fremont Ave.  
**City** Alhambra  
**State** CA **Zip** 91803  
**Fax**

**Project Location**

**County** Los Angeles  
**City** Lancaster  
**Region**  
**Lat / Long** 34° 41' 48.8" N / 118° 8' 52.6" W  
**Cross Streets** Lancaster Ave at 10th Street West  
**Parcel No.**  
**Township** 7N **Range** 12W **Section** 10-15 **Base**

**Proximity to:**

**Highways** Hwy 14  
**Airports** William J. Fox  
**Railways** 1  
**Waterways**  
**Schools** 38  
**Land Use** Commercial interspersed with residential areas.

**Project Issues** Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Biological Resources; Flood Plain/Flooding; Forest Land/Fire Hazard; Geologic/Seismic; Noise; Public Services; Soil Erosion/Compaction/Grading; Toxic/Hazardous; Traffic/Circulation; Vegetation; Water Supply; Wetland/Riparian

**Reviewing Agencies** Resources Agency; Department of Fish and Game, Region 5; Cal Fire; Department of Parks and Recreation; Department of Water Resources; Office of Emergency Management Agency, California; Caltrans, Division of Aeronautics; California Highway Patrol; Caltrans, District 7; CA Department of Public Health; State Water Resources Control Board, Division of Financial Assistance; Regional Water Quality Control Board, Region 4; Native American Heritage Commission; Public Utilities Commission

**Date Received** 08/15/2011 **Start of Review** 08/15/2011 **End of Review** 09/13/2011



Howard Backer, MD, MPH  
Interim Director

State of California—Health and Human Services Agency  
California Department of Public Health



EDMUND G. BROWN JR.  
Governor

August 31, 2011

Ms. Gail Farber  
Director  
Los Angeles County Public Works  
Waterworks/Sewer Maintenance Division  
P.O. Box 1460  
Alhambra, CA 91802-1460

Dear Ms. Farber:

**SYSTEM NO. 1910070 – LOS ANGELES COUNTY WATERWORKS SYSTEM  
DISTRICT NO. 40, ANTELOPE VALLEY 10<sup>th</sup> STREET TRANSMISSION MAIN,  
PHASE III, NEGATIVE DECLARATION AND INITIAL STUDY COMMENTS**

Thank you for your letter dated August 8, 2011 requesting our comments concerning Los Angeles County Waterworks District No. 40, Antelope Valley 10<sup>th</sup> Street West transmission Main, Phase III Draft Negative Declaration and Initial Study.

We have reviewed the Phase III Draft Negative Declaration and Initial Study and have no comments.

If you have any questions regarding this letter, please contact Mr. Jim Willis at (818) 551-2031 or myself at (818) 551-2048.

Sincerely,

Sutida Berquist, P.E.  
District Engineer  
Central District